

Figure 1. The OTC daily sales in this year and last year in the study area

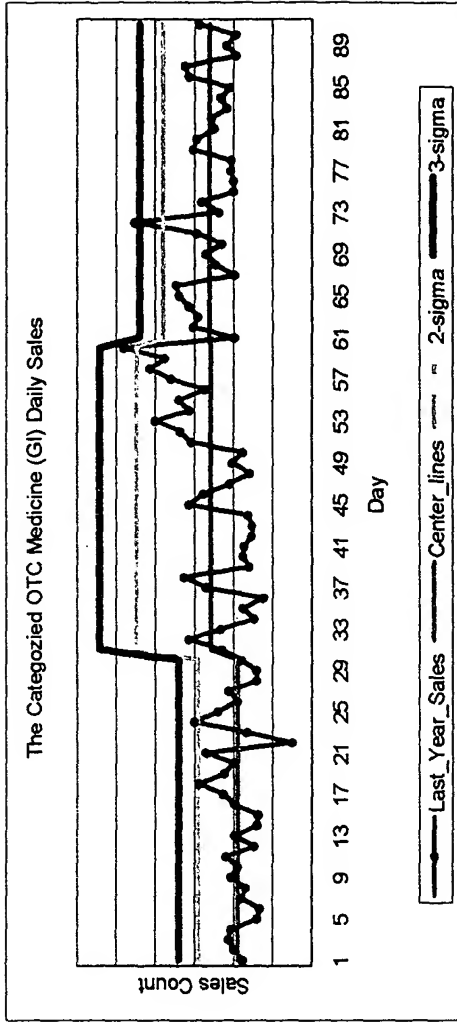


Figure 2. The derived reference lines from the last year's daily sales

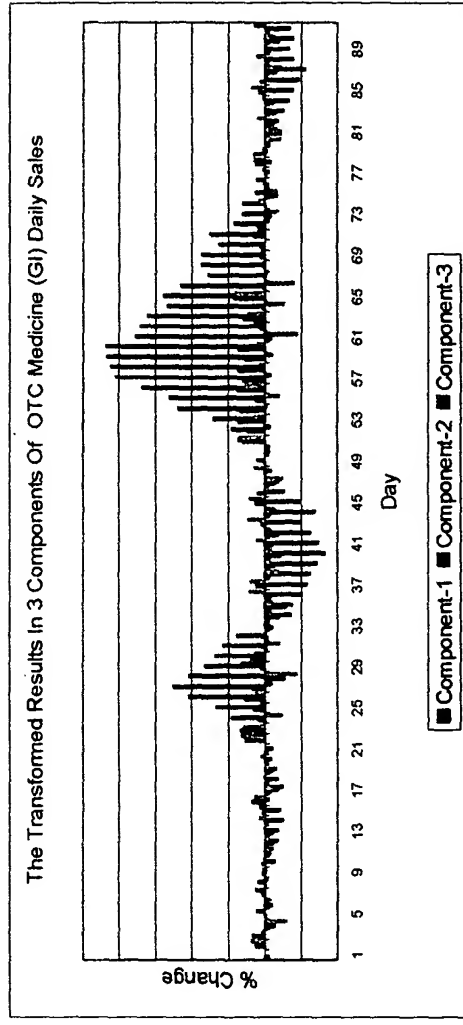


Figure 3. The transformed incoming daily sales in 3 components by Eq. (4), (5) and (6)

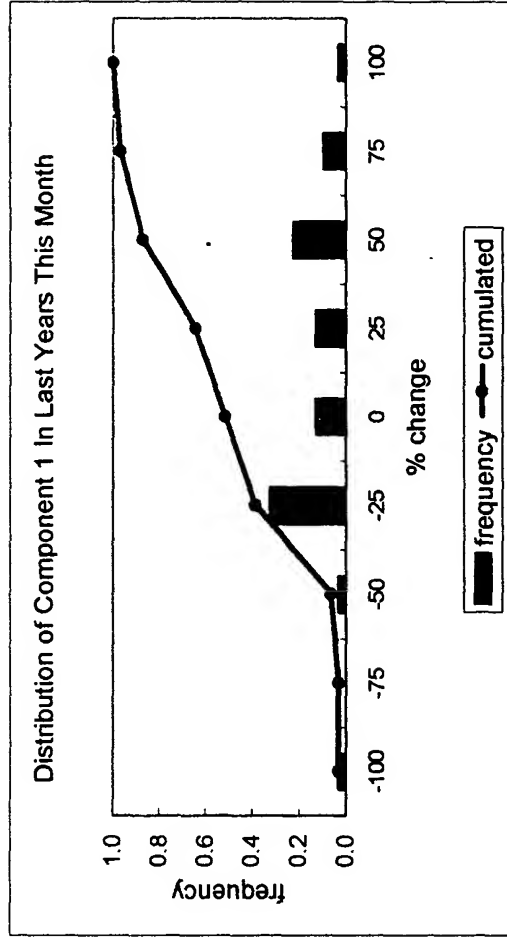


Figure 4. Deriving threshold value from the distribution of Component 1

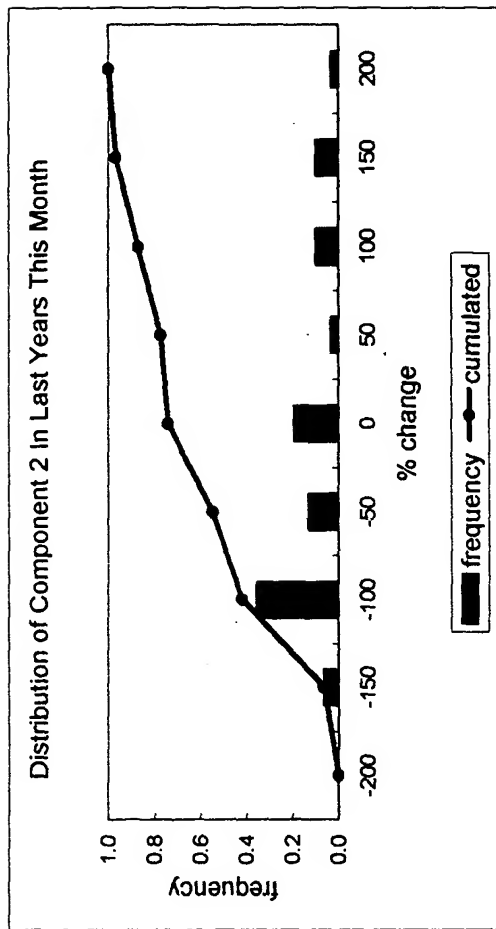


Figure 5. Deriving threshold value from the distribution of the component 2

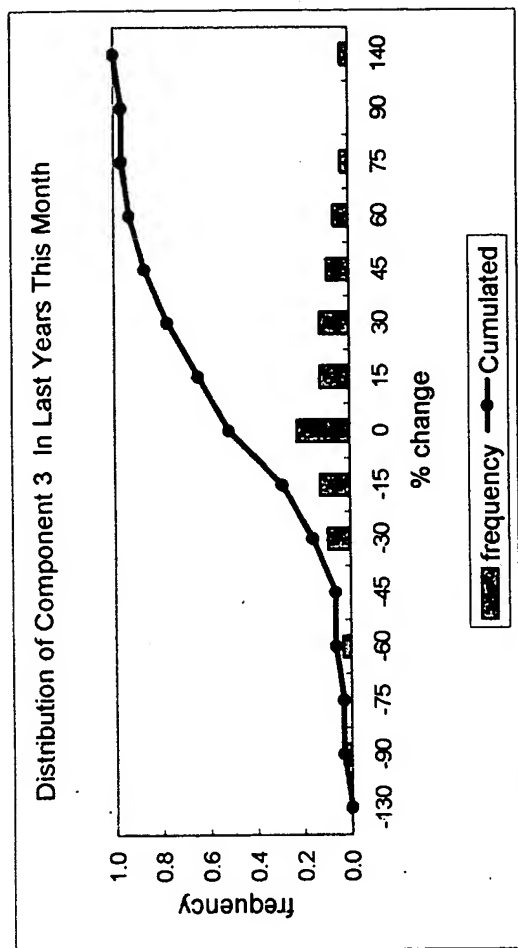


Figure 6. Deriving threshold value from the distribution of the component 3

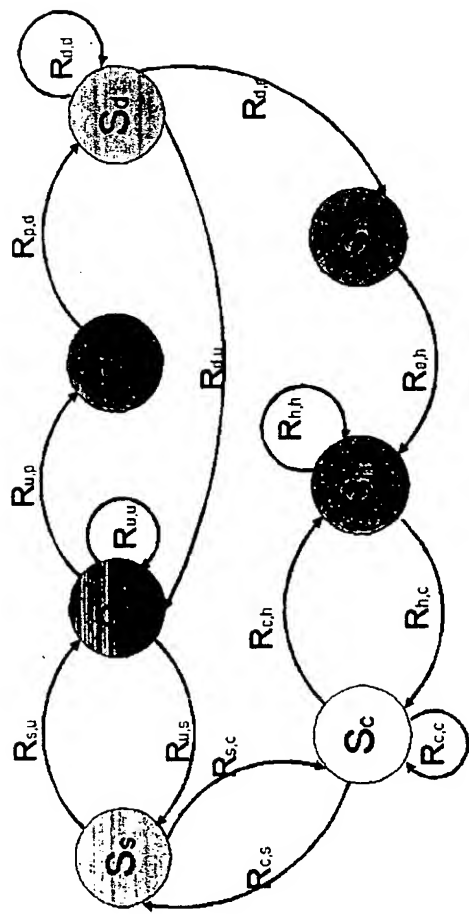


Figure 7. The States and State Transition Diagram of Public Health Status

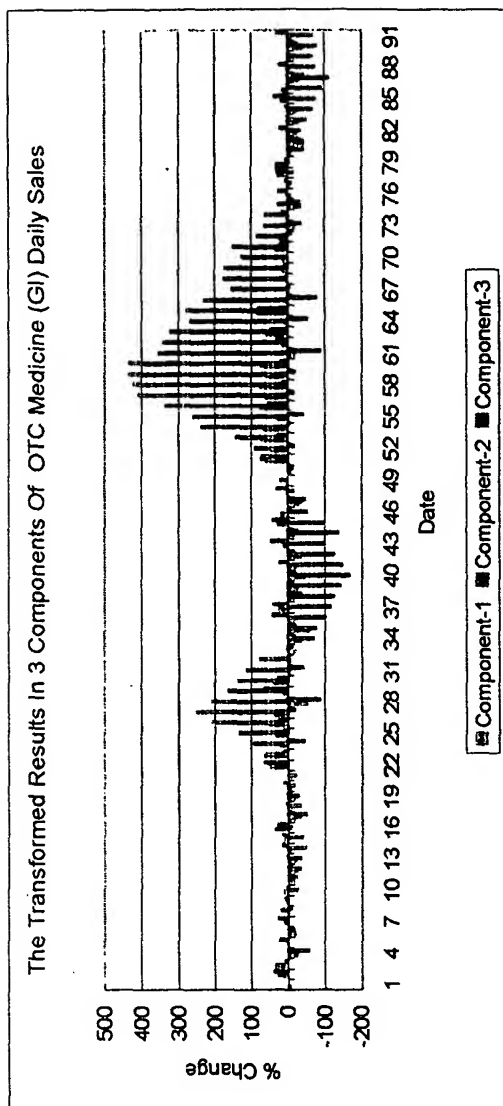


Figure 8. The example of transformed results of OTC daily sales data

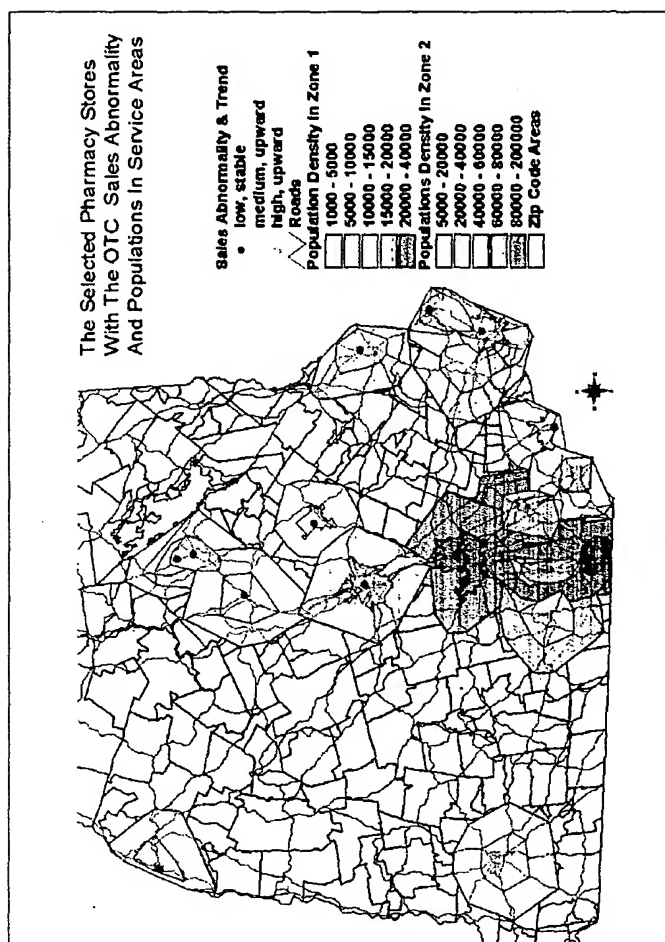


Figure 9. An example of the categorized OTC sales abnormality analysis with population density in service area as the potential impact